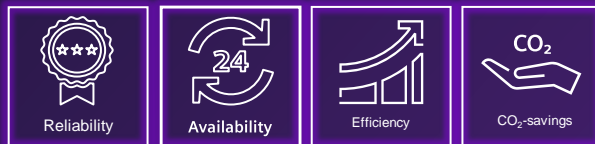


# Brownfield Exchange – Footprint Solution



Tight space in the turbine rooms

Initial study where the engineer is working to identify the ideal SST-DR turbine type that has 10% increased output power as per customer requirements but at the same time fit in to the existing tight spaced turbine rooms



Reliability



Availability



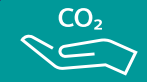
Efficiency



CO<sub>2</sub>-savings



## Increased Efficiency



Up to 30% CO<sub>2</sub> reduction potential due to repowering

### Product Overview

Suited for all customers who want to replace their existing turbine (Siemens/Non-Siemens fleet) without major modifications to their site



### Features

- Complete new turbine tailored to the customer parameters that can be setup on the existing foundation
- Only minor to none modifications required for the piping and periphery



### Benefits<sup>1</sup>

In a success story involving a Power Generation customer, 3 GE Model DRV-631 BFP turbines were successfully replaced with SST-DR fleet

- Turbines with 10% increased output power were fitted with the same spacial requirements as the older GE turbines
- Up to 30% potential decrease in CO<sub>2</sub> emissions due to repowering
- Cost and productivity benefits from quicker start and increased lifetime expectancy of the turbine



### Scope of work & Implementation

- The transition process starts with a study followed by a customized new turbine footprint solution

